

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave.St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-009087**Date Inspected:** 18-Sep-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 645**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1845**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name:	Yu Dong Ping, Wan Wen Zhong, CWI Present:			Yes	No	
Inspected CWI report:	Yes	No	N/A	Rod Oven in Use:	Yes	No N/A
Electrode to specification:	Yes	No	N/A	Weld Procedures Followed:	Yes	No N/A
Qualified Welders:	Yes	No	N/A	Verified Joint Fit-up:	Yes	No N/A
Approved Drawings:	Yes	No	N/A	Approved WPS:	Yes	No N/A
				Delayed / Cancelled:	Yes	No N/A

Bridge No: 34-0006**Component:** Tower Components**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, Amit K. Juvekar, was present during the times noted above for observations relative to the work being performed.

This QA Inspector observed the following work in progress:

Bay11, West Tower, Struts.

SMAW Repair welding of weld joint WD1-A6001-8-7A/B (WRR # T-WR2149); located on Bay11, West Tower. Welder is identified as 040669; ZPMC Quality Control Inspector (QC) is identified as Yu Dong Ping. The welding variables recorded by Quality Control Inspector (QC) appeared to comply with the Applicable WPS: WPS-485-SMAW-2G(2F)-Repair.

Bay10, North Tower, Lift 3, Skin A.

FCAW welding of weld joint NSD1-FASA3-1A/E-21, 22; located on Bay 11, North Tower. Welder is identified as 050038; ZPMC Quality Control Inspector (QC) is identified as Wan Wen Zhong. The welding variables recorded by Quality Control Inspector (QC) appeared to comply with the Applicable WPS: 1)WPS-B-P-2113, 2)WPS-B-P-2111.

Tower Jetty(Heavy Dock), East Tower, Lift 1, Skin C, Temporary Supports.

FCAW welding of Temporary Supports weld joints; located on East Tower Jetty(Heavy Dock), East Tower, Lift 1, Skin C. Welders are identified as 070212, 066471, 059525, 058792, 067184; ZPMC Quality Control Inspector (QC) is identified as Ye Yong Jun. The welding variables recorded by Quality Control Inspector (QC) appeared to comply with the Applicable WPS: WPS-B-T-2332.

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

Tower Jetty(Heavy Dock), South Tower, Lift 1, Diaphragm Supports (Inside).

SMAW welding of Diaphragm Temporary Supports weld joints; located on South Tower Jetty(Heavy Dock), Lift 1, Skin C. Welder is identified as 066693; ZPMC Quality Control Inspector (QC) is identified as Qui Wen. The welding variables recorded by Quality Control Inspector (QC) appeared to comply with the Applicable WPS: WPS-B-T-2114.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

No relevant conversations.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Serge Sinevod, 13482570045, who represents the Office of Structural Materials for your project.

Inspected By:	Juvekar,Amit	Quality Assurance Inspector
----------------------	--------------	-----------------------------

Reviewed By:	Clifford,William	QA Reviewer
---------------------	------------------	-------------